

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q88284

Kenji MIYAZAKI, et al.

Appln. No.: Not Assigned

Confirmation No.: Not Assigned

Group Art Unit: ~~Not Assigned~~ 1797

Filed: May 27, 2005

Examiner: ~~Not Assigned~~ Xu, Robert

For: METHOD OF ANALYZING C-TERMINAL AMINO ACID SEQUENCE OF PEPTIDE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. Japanese Patent Application 2002-189029, published July 5, 2002; with English Abstract.
2. Japanese Patent Application 10-293130, published November 4, 1998; with English Abstract.
3. Japanese Patent Application 6-27113, published February 4, 1994; with English Abstract.

National Stage Entry of PCT/JP03/15270
INFORMATION DISCLOSURE STATEMENT
New Application of K. Miyazaki et al.

4. Japanese Patent Application 2003-279581, published October 2, 2003; with English Abstract.

5. Japanese Patent Application 05-133958, published May 28, 1993; with English Abstract.

6. A. Tsugita et al. "Reaction of Pentafluoropropionic Anhydride Vapor on Polypeptide as Revealed by Mass Spectrometry. A carboxypeptidase Mimetic Degradation", Chemistry Letters, 1992, pp 235-238.

7. A. Tsugita et al. "C-terminal sequencing of protein", European J. Biochemistry, 1992. Vol. 206, pp. 691-696

8. K. Takamoto et al. "Carboxy-terminal degradation of peptides using perfluoroacyl anhydrides", European J. Biochemistry, 1995, Vol. 228, pp. 362-372.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents, together with an

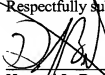
National Stage Entry of PCT/JP03/15270
INFORMATION DISCLOSURE STATEMENT
New Application of K. Miyazaki et al.

English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,


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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: May 27, 2005

Substitute for Form 1449 A & B/PTO

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

1

Application Number

Confirmation Number

Filing Date

May 27, 2005

First Named Inventor

Kenji MIYAZAKI

Art Unit

1797

Examiner Name

Xu, Robert

Attorney Docket Number

Q88284

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁴
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	2002-189029	A	07-05-2002	Sumitomo Chemical Co. Ltd.	English Abstract
		JP	10-293130	A	11-04-1998	Seiko Instruments, Inc.	English Abstract
		JP	6-27113	A	02-04-1994	Seiko Instruments, Inc.	English Abstract
		JP	2000-146983	A	05-26-2000	City of Hope	English Abstract
		JP	2003-279581	A	10-02-2003	NEC Corporation	English Abstract
		JP	05-133958	A	05-28-1993	Seiko Instruments, Inc.	English Abstract

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁴
		A. Tsugita et al. "Reaction of Pentafluoropropionic Anhydride Vapor on Polypeptide as Revealed by Mass Spectrometry. A carboxypeptidase Mimetic Degradation", Chemistry Letters, 1992, pp 235-238.	
		A. Tsugita et al. "C-terminal sequencing of protein", European J. Biochemistry, 1992, Vol. 206, pp. 691-696	
		K. Takamoto et al. "Carboxy-terminal degradation of peptides using perfluoroacyl anhydrides", European J. Biochemistry, 1995, Vol. 228, pp. 362-372	

Examiner Signature

/Robert Xiaoyun Xu/

Date Considered

09/05/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 2). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by its appropriate code as defined in the International Patent Classification. ⁵ Kind of document by its appropriate code as defined in the International Patent Classification. ⁶ English language Translation is attached.

NOT REOPENED FOR RECONSIDERATION OF THE INFORMATION DISCLOSURE STATEMENT. REOPENED THROUGH P.R.X./